

STAR CEMENT LIMITED

September – 2017

STACK EMISSION MONITORING RESULTS (Average Values)

S. No.	Stack Attached To	Particulate Matter (mg/Nm ³)
1	Primary Crusher Bag Filter	15.52
2	Secondary Crusher Bag Filter	17.64
3	RABH	21.11
4	Coal Mill	19.23
5	Cooler ESP	22.35
6	Roller Press Mill	20.96
7	Cement Mill Bag Filter	19.13
8	Packing Plant Bag Filter	15.11

AMBIENT AIR QUALITY MONITORING RESULTS (Average Values)

Stations ↓	Parameters →	Respirable Suspended particulate Matter (µg/m ³)		Gaseous Emission (µg/m ³)	
		PM ₁₀	PM _{2.5}	SO ₂	NO ₂
Station #1 (Near Guest House)		42.86	26.31	6.32	8.73
Station #2 ((Near Pump House)		46.95	29.47	6.91	9.02
Station #3 (Near Security Gate No.-2)		48.48	30.81	7.07	9.35
Station #4 (Staff Quarters – 4)		41.49	26.25	6.26	8.53

STAR CEMENT LIMITED

FUGITIVE EMISSION MONITORING RESULTS **(Average Values)**

Location	Fugitive Emission Results (in $\mu\text{g}/\text{m}^3$)	Limit (in $\mu\text{g}/\text{m}^3$)
Coal Storage Section	1738	2000
Limestone Storage Section	2032	5000
Cement Packing Plant	2432	5000